

EXPRESSION CLONING METHOD

ABSTRACT OF THE DISCLOSURE

Described herein is a method of expression cloning useful for identifying and obtaining proteins involved in GLUT4 trafficking in mammalian cells and, thus, in
5 insulin-stimulated glucose uptake by such cells. In particular, an enrichment strategy for expression cloning proteins involved in GLUT4 trafficking at the plasma membrane is described. Proteins identified by the method and uses therefore are also described.

Approved for Release